

TPF Coronagraph Science

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The main science goal of the TPF coronagraph is to search for and characterize terrestrial planets and planetary systems around nearby stars using the visible wavelength range. We anticipate finding terrestrial planets, giant planets, brown dwarfs, debris disks, and dust disks. The planets and sub-stellar companions will be characterized by their fluxes, colors, and low-resolution spectra. The disks will be characterized by their fluxes, colors, and spatial distributions. In this talk I will explore how we might proceed in each of these areas, and discuss what we might expect to learn.

